CLINICAL TOXICOLOGY

Volume 46 Table of Contents

VOLUME 46, NUMBER 1, 2008		Recurrent life-threatening ventricular dysrhythmias	
DD A CTICE CHIPPI INC		associated with acute hydrofluoric acid ingestion:	
PRACTICE GUIDELINE		Observations in one case and implications for mechanism	-
Elemental mercury exposure: An evidence-based		of toxicity	79
consensus guideline for out-of-hospital management E. Martin Caravati, Andrew R. Erdman, Gwenn Christianson,	1	Rais Vohra, Larissa I. Velez, Wilfredo Rivera, Fernando L. Benitez, and Kathleen A. Delaney	
Lewis S. Nelson, Alan D. Woolf, Lisa L. Booze,		Mass ethion poisoning with high mortality	85
Daniel J. Cobaugh, Peter A. Chyka, Elizabeth J. Scharman,		Aruna Dewan, Ashwin B. Patel, Ramavati R. Pal,	
Anthony S. Manoguerra, and William G. Troutman		Umesh J. Jani, Vinu C. Singel, and Maulik D. Panchal	
REVIEW		LETTER TO THE EDITOR	
Screening for drugs of abuse: Hair as an alternative matrix:		Comment on "Ingestion of slow-release iron treated	
a review for the medical toxicologist	22	with gastric lavage – never say late"	89
John Curtis and Michael Greenberg		Ron Kirschner and J. Ward Donovan	
ARTICLES		Reply to: "Amitriptyline-induced Brugada pattern fails to respond to sodium bicarbonate"	90
Acute poisonings treated in hospitals in Oslo: A one-year		Vikhyat S. Bebarta and Javier C. Waksman	/
	35	riniyai S. Bebaria ana Sarier C. Wakshan	
K.E. Hovda, M.A. Bjornaas, K. Skog, A. Opdahl,			
P. Drottning, O. Ekeberg, and D. Jacobsen		VOLUME 46, NUMBER 2, 2008	
Acute poisonings treated in hospitals in Oslo:	12	REVIEW	
A one-year prospective study (II): Clinical outcome Fridtjof Heyerdahl, Maria Bjornas, Knut Erik Hovda,	42	Animals as sentinels of chemical terrorism agents:	
Karina Skog, Anders Opdahl, Cecilie Wium,		An evidence-based review	93
Oivind Ekeberg, and Dag Jacobsen		Peter Rabinowitz, James Wiley, Lynda Odofin,	
6		Matthew Wilcox, and F. Joshua Dein	
Treatment of experimental verapamil poisoning			
with levosimendan utilizing a rodent model		POISON CENTER ISSUES	
of drug toxicity	50	Combining primary and secondary poison prevention	
Andis Graudins, Javad Najafi, and Michael Perry M. Rur-Sc		in one initiative	10
Multivitamins and phospholipids complex protects		Edward Krenzelok, Rita Mrvos, and Ellen Mazo	
the hepatic cells from androgenic-anabolic-		Poison control center communication and impact	
steroids-induced toxicity	57	on patient adherence	10:
Thomas A. Pagonis, George N. Koukoulis,		Lee Ellington, Sonia Matwin, Srichand Jasti, Jacquee	10.
Christos S. Hadjichristodoulou, Paraskevi N. Toli,		Williamson, Barbara Crouch,	
and Nikiforos V. Angelopoulos		Martin Caravati, and William Dudley	
Effect of diphenhydramine on myocardial injury caused by			
organophosphate poisoning	67	ARTICLES	
Yucel Yavuz, Yusuf Yurumez, Ihsan Hakki Ciftci,		State-wide hospital clinical laboratory plan for	
Onder Sahin, Hayrettin Saglam, and Mehmet Buyukokuroglu		measuring cholinesterase activity for individuals	
CASE REPORTS		suspected of exposureto nerve agent chemical weapons	11
		Alan H.B. Wu, Andrew Smith, Robert McComb,	
QT Prolongation and delayed atrioventricular conduction	7.1	George N. Bowers, Gregory S. Makowski,	
caused by acute ingestion of trazodone	71	Charles A. McKay, Jason Vena, John McDonagh,	
Jennifer A. Service and W. Stephen Waring		Sidney Hopfer, Salvatore F. Sena, Herbert Malkus, Elaine Forte, and Katherine Kelly	
N-acetylcysteine and hemodialysis treatment			
of a severe case of methyl ethyl ketone	74	Fasciculations after rattlesnake envenomations: A retrospec	
peroxide intoxication	74	statewide poison control system study	11
C.C.G. van Enckevort, D.J. Touw, and LJ. Vleming		R. Vohra, F.L. Cantrell, and S.R. Williams	

Systemic antivenom and skin necrosis after green pit viper bites Runyawan Chotenimitkhun and Ponlapat Rojnuckarin	122	An unusual manifestation of <i>Abrus precatorius</i> poisoning: A report of two cases <i>Dharanipragada Subrahmanyan, Jomal Mathew, and Mithun Ra</i>	173 uj
Acute poisonings in Iceland: A prospective nationwide study Jakob Kristinsson, Runolfur Palsson, Gudborg A. Gudjonsdottir, Margret Blondal, Sigurdur Gudmundsson, and Curtis P. Snook	126 -	All-E lutein and 3'-epilutein in the epidermis of chronic arsenic poisoning Mir Misbahuddin, A. Momin, and Mohammad Al-Amin	176
Biomonitoring of mercury in patients with complaints attributed to dental amalgam; healthy amalgam bearers,		VOLUME 46, NUMBER 3, 2008	
and amalgam-free subjects: A diagnostic study Dieter Melchart, Wolfgang Köhler, Klaus Linde, Thomas Zilker, Leo Kremers, Reinhard Saller, and Stefan Halbach	133	ARTICLES Oral administration of fomepizole produces similar blood levels as identical intravenous dose Jeanna Marraffa, Alan Forrest, William Grant,	181
Influence of atropine therapy on fenthion-induced	141	Christine Stork, Kenneth McMartin, and Mary Ann Howland	d
pancreatitis Yuksel Ela, Huseyin Fidan, Onder Sahin, Aynur Kilbas, Orhan Bas, Yucel Yavuz, Hudaverdi Kucuker, and Irfan Altuntas	141	High mortality rates among GHB abusers in Western Sweden . Kai Knudsen, Joachim Greter, and Mario Verdicchio	187
Opioid receptors and legal highs: Salvia divinorum and Kratom Kavita M. Babu, Christopher R. McCurdy, and Edward W. Boyer	146	Susanne Bornschein, Constanze Hausteiner, Corina Pohl, Thomas Jahn, Jürgen Angerer, Hans Foerstl, and Thomas Zit	193 lker
CASE PEROPES		Envenomation by the asp caterpillar (Megalopyge opercularis)	201
CASE REPORTS		David M. Eagleman	
Unusual complications of heroin abuse: Transverse myelitis, rhabdomyolysis, compartment syndrome, and ARF Vaibhav Sahni, Dheeraj Garg, Sandeep Garg, Satish Kumar Agarwal, and Narinder Pal Singh	153	Illicit cathinone ("Hagigat") poisoning Yedidia Bentur, Anna Bloom-Krasik, and Bianca Raikhlin-Eisenkraft Pattern of poisoning in the elderly:	206
Death from a possible anaphylactic reaction to ecstasy Anny Sauvageau	156	An experience from Tehran Mojgan Karbakhsh and Negar Salehian Zandi	211
Ergotism unresponsive to multiple therapeutic modalities, including sodium nitroprusside, resulting in limb loss Khrongwong Musikatavorn, and Suchai Suteparuk	157	Comparison of SPECT findings and neuropsychological seque in carbon monoxide and organophosphate poisoning Gurayten Ozyurt, Fatma Nur Kaya, Ferda Kahveci, and Eray Alper	elae 218
Cessation of nail growth following Bajiaolian intoxication Shang-Lin Chou, Ming-Yueh Chou, Wei-Fong Kao, David H.T. Yen, Chun-I Huang, and Chen-Hsen Lee Metformin-induced lactic acidosis and acute	159	A clinical decision rule for triage of children under 5 years of age with hydrocarbon (kerosene) aspiration in developing countries The WHO EMRO Pediatric Hydrocarbon Study Group, Cairo, Egypt: G.R. Bond, S. Pièche, Z. Sonicki, H. Gamaluc	222 dc'in.
pancreatitis precipitated by diuretic, celecoxib, and candesartan-associated acute kidney dysfunction	164	M. El Guindi, M. Sakr, A. El Seddawy, M. Abouzaid, and A. Youssef	,
Pat Audia, Donald A. Feinfeld, Alan Dubrow, and James F. Winchester Two cases of methemoglobinemia following		Kinetics and determinants of the changes of CC16, a lung secretory protein in a rat model of toxic lung injury	230
zopiclone ingestion	167	Philippe Hantson, Alfred Bernard, and Cedric Hermans	
Hin Tat Fung, Cing Hon Lai, Oi Fung Wong, Ka Keung Lam, and Chak Wah Kam		Reliability of self-reported use of amphetamine, barbiturate benzodiazepines, cannabinoids, cocaine, methadone, and	es,
Prolonged cardiovascular effects after unintentional ingestion of tetrahydrozoline Henry Spiller and Jill Griffith	171	opiates among acutely hospitalized elderly medical patients Bente Glintborg, Lenette Olsen, Henrik Poulsen, Kristian Linnet, and Kim Dalhoff	239

Table of Contents for Volume 46

Tueste of Contents for Formine 10			
Are recommended doses of acetaminophen hepatotoxic for recently abstinent alcoholics? A randomized trial Susan Bartels, Marco Sivilotti, Deborah Crosby,	243	Formic acid: A rare but deadly source of carbon monoxide poisoning Chen-Chang Yang, Jiin Ger, and Chun-Fang Li	287
CASE REPORTS		Factitious thyrotoxicosis and herbal dietary supplement for weight reduction W.T. Poon, S.W. Ng, C.K. Lai, Y.W. Chan, and W.L. Mak	290
Acute phenol poisoning: A life-threatening hazard of chronic pain relief Sachin Gupta, Guha Ashrith, Divay Chandra, Aditya Kumar Gupta, Kewin W. Finkel, and Jayarama S. Guntupalli	250	Central diabetes insipidus following digestion Solanum indicum L. concentrated solution Wen-Hung Huang, Ching-Wei Hsu, and Ji-Tseng Fang Non-fatal ventricular dysrhythmias associated with severe	293
Acute pulmonary edema associated with naphazoline ingestion Hidetada Fukushima, Kazunobu Norimoto, Tadahiko Seki, Takashi Nishiguchi, Tatsuya Nakamura, Toshifumi Konobu Kenji Nishio, and Kazuo Okuchi	254	salicylate toxicity Kristen Kent, Michael Ganetsky, Jason Cohen, and Steven I Intragastric alendronate therapy in two infants with vitamin intoxication: A new method Hakan Doneray, Behzat Ozkan, Ibrahim Caner,	
Severe uvular edema and nasal mucosal necrosis due to Ecbalium elaterium (squirting cucumber): An allergic reaction or direct toxic effect? Cenker Eken, Kerem Ozbek, Canan Kuk Yildirim, and Oktay Eray	257	Asuman Ozkan, and Cahit Karakelleoglu Cibenzoline intoxication: Effect of combined hemoperfusion-hemodialysis on plasma clearance Roel Meeus, Gert A. Verpooten, Rudi De Paep, Bernard P. Paelinck, Hugo Neels, Gard Cooreman,	303
Cerebellar effects after consumption of edible morels (Morchella conica, Morchella esculenta) R. Pfab, B. Haberl, J. Kleber, and T. Zilker	259	Mireiile De Doncker, and Philippe G. Jorens Acute intoxications with carisoprodol Gudrun Høiseth, Hanne Kristin Sørlid, and Jørgen Bramne	307 ess
Withdrawal from high-dose tranylcypromine F. Eyer, E. Jetzinger, R. Pfab, and T. Zilker A case of 5-fluorouracil-induced peripheral neuropathy Bart F. Werbrouck, Walter J. Pauwels, and Jan L. De Blee.	261 264 cker	Mortality and morbidity of poisonings in the Nordic countries in 2002 Erik Andrew, Birgitta Irestedt, Tommi Hurri, Peter Jacobse and Gudborg Gudjonsdottir	310 en,
Lead poisoning following ingestion of pieces of lead roofin plates: Pica-like behavior in an adult Sabine Sabouraud, François Testud, Jacques Descotes, Monique Benevent, and Gilbert Soglu		CASE REPORTS Disulfiram neuropathy: Two cases of distal axonopathy Massimiliano Filosto, Marta Tentorio, Laura Broglio, Serena Buzio, Clara Lazzarini, Maria Pia Pasolini,	314
Metabolic acidosis in prometryn (triazine herbicide) self-poisoning Miran Brvar, Renata Okrajšek, Polona Kosmina, Feliks Sta Rafael Kapš, Gordana Koželj, and Matjaž Bunc	270 aric,	Maria Sofia Cotelli, Mauro Scarpelli, Michelangelo Manca Anna Choub, and Alessandro Padovani Endoscopic removal of slow release clomipramine bezoars in two cases of acute poisoning	
Acute overdose with controlled-release levodopa-carbidopa Gael Delmas, Christophe Rothmann, and Francoise Flesch VOLUME 46, NUMBER 4, 2008		Jones Höjer and Mark Personne Methemoglobinemia due to malachite green ingestion in a child Henry Spiller, George Rodgers, Danetta Willias, George B and Janice Sullivan	320
ARTICLES Poisoning by lavandin extract in a 18-month-old boy Caroline Landelle, Gilles Francony, Nathalie Fouilhé Sam Yvan Gaillard, Françoise Vincent, Isabelle Wrobleski, and Vincent Danel	279 n-Laï,	Calcium oxalate crystals in acute ethylene glycol poisoning: A confocal laser scanning microscope study in a fatal case Cristoforo Pomara, Carmela Fiore, Stefano D'Errico, Iren Riezzo, and Vittorio Fineschi	322 ne
Analysis of food supplements containing iodine: a survey of Italian market Patrizia Restani, Andrea Persico, Cinzia Ballabio, Enzo Malia Fuggetta, and Maria Laura Colombo	282	Freon: Accidental ingestion and gastric perforation Mariano Javier Gotelli, Alberto Juan Monserrat, Alfredo Lo Balbo, Eduardo Fernando Valdes Quintana, and Carlos Gotelli	32:

Unilateral mydriasis due to Angel's Trumpet Barbara Andreola, Anna Piovan, Liviana Da Dalt, Raffaella Filippini, and Elsa Cappelletti	329	Joseph Charles Blizzard, Jill E. Michels, William H. Richardson, Clairborne E. Reeder,	450
Two cases of acute lead poisoning due to occupational exposure to lead Masanori Ogawa, Yoshiaki Nakajima, Ryuichi Kubota, and Yoko Endo	332	Richard M. Schulz, and Christopher P. Holstege Intensive care costs of acute poisoning cases Necdet Sut and Dilek Memis	457
LETTERS TO THE EDITOR		CASE SERIES	
Fatal cardiotoxicity induced by venlafaxine overdosage Jonas Höjer, Johan Hulting, and Heléne Salmonson	336	Finding needles in a haystack: A case series of carbon monoxide poisoning detected using new	
Anticholinergic-type effects following a pediatric venlafaxine overdose Tanner Miller, Lee McGoodwin, and Tracy Hagemann	338	technology in the emergency department Kerlen J. Chee, Douglas Nilson, Robert Partridge, Ashley Hughes, Selim Suner, Andrew Sucov, and Gregory Jay	461
8	340	CASE REPORTS	
Yi Cheng Tsai, Chun-Yu Chen, Ning-I Yang, and Chen-Chang Ya Efficacy of hemodialysis and charcoal hemoperfusion in carbamazepine overdose Maricel Pilapil and Jeffrey Petersen	342	Prolonged severe hypotension following combined amlodipine and valsartan ingestion Silas W. Smith, Kathy L. Ferguson, Robert S. Hoffman, Lewis S. Nelson, and Howard A. Greller	470
Dose-related illusions and hallucinations with zaleplon Jason R. Stone, Todd S. Zorick, and John Tsuang	344	Tako-tsubo syndrome following nortriptyline overdose Sophie De Roock, Christophe Beauloye, Isabelle De Bauwen	475 r,
Acute exenatide (Byetta®) poisoning was not associated with significant hypoglycemia Victor Cohen, Eleftherios Teperikidis, Samantha P. Jellinek,	346	David Vancraynest, Olivier Gurne, Bernard Gerber, and Philippe Hantson Stevens-Johnson syndrome in a child with chronic mercury	
and Jonathan Rose	348	exposure and 2,3-dimercaptopropane-1-sulfonate (DMPS) therapy	479
Delayed presentation of an aripiprazole overdose Bruce Lo and Anthony Pizon	340	A.A.A. van der Linde, S. Pillen, G.P.J.M. Gerrits, 'and J. N. Bouwes Bavinck	
VOLUME 46, NUMBER 5, 2008 EAPCCT ABSTRACTS		Isolated bilateral vocal cord paralysis with intermediate syndrome after organophosphate poisoning <i>Young-Ho Jin, Tae-O Jeong, and Jae-Baek Lee</i>	482
Abstracts of the XXVIII International Congress of the		Toung 110 bin, Tat O beeng, and but Buck Bee	
European Association of Poison Centres and Clinical	251	IMAGES IN CLINICAL TOXICOLOGY	
Toxicologists, May 6–9, 2008, Seville, Spain Author index to EAPCCT abstracts	351 422	Verdoglobinuria Michael Greenberg	485
Keyword index to EAPCCT abstracts	430		
REVIEW		LETTERS TO THE EDITOR	487
Clinical review of grayanotoxin/mad honey poisoning			
past and present Abdulkadir Gunduz, Suleyman Turedi, Robert M. Russell, and Faik Ahmet Ayaz	437	VOLUME 46, NUMBER 6, 2008 ARTICLES	
ARTICLES		Fetal effects of environmental exposure of pregnant	
Double-blind placebo-controlled provocation study in patients with subjective Multiple Chemical Sensitivity (MCS) and matched control subjects Susanne Bornschein, Constanze Hausteiner, Horst Römmelt Dennis Nowak, Hans Förstl, and Thomas Zilker	443 t,	women to organophosphorus compounds in a rural farming community in Sri Lanka Nirma Samarawickrema, Arunasalam Pathmeswaran, Rajitha Wickremasinghe, Roshini Peiris-John, Madawa Karunaratna, Nick Buckley, Andrew Dawson, and Janaka de Silva	489

Table of Contents for Volume 46

Lower incidence of anaphylactoid reactions		CASE REPORTS	
to N-acetylcysteine in patients with high acetaminophen concentrations after overdose W. Stephen Waring, Alexandra F. Stephen, Oliver D. Robins Margaret A. Dow, and Janice M. Pettie	496 son,	Tracheal and bronchial obstruction following cyanoacrylate aspiration in a toddler Christopher Vitale, Mathew George, Adina Sheroff, Christina Hernon, and Edward Boyer	560
Fentanyl epidemic in Chicago, Illinois and surrounding Cook County Heather Schumann, Tim Erickson, Trevonne M. Thompson, John L. Zautcke, and J. Scott Denton	501	A fatal case following exposure to zinc chloride and hexachloroethane from a smoke bomb in a fire simulation at a school Fernando Gil, Antonio Pla, Antonio F. Hernández,	563
The impact of bittering agents on suicidal ingestions of antifreeze Nicole C. White, Toby Litovitz, Marisa K. White, William A. Watson, Blaine E. Benson, B. Zane Horowitz, and Lisa Marr-Lyon	507	Juan M. Mercado, and Fernando Méndez Intravenous injection of metallic mercury: case report and course of mercury during chelation therapy with DMPS Birgit Vallant, Josef Deutsch, Michael Muntean, and Walter Goessler	566
Association between plasma paraquat level and outcome of paraquat poisoning in 375 paraquat poisoning patients . Hyo-Wook Gil, Mun-Soo Kang, Jong-Oh Yang, Eun-Young Lee, and Sae-Yong Hong	515	Bradycardia and hypotension associated with fomepizole infusion during hemodialysis Katherine J. Lepik, Jeffrey R. Brubacher, Christopher R. DeWille George S.S. Lam, Edward J. Lawson, Gunnar D. Erhardt, Roy A. Purssell, James R. Kennedy, and Jane L. Brignall	570 itt,
Neurotoxicity of <i>Micrurus altirostris</i> (Uruguayan coral snake) venom and its neutralization by commercial		IMAGES IN CLINICAL TOXICOLOGY	
coral snake antivenom and specific antiserum raised in rabbits Valdemir Aparecido de Abreu, Gildo Bernardo Leite, Caroline Borja Oliveira, Stephen Hyslop,	519	Incidental discovery of radiopaque pills on abdominal CT in a patient with abdominal pain Bryan S. Judge and John D. Hoyle Jr.	574
Maria de Fátima Domingos Furtado,		EDITORIAL	
and Léa Rodrigues Simioni Prognostic factors and toxicokinetics in acute fenitrothion self-poisoning requiring intensive care Shigeaki Inoue, Takeshi Saito, Yosuke Suzuki, Shinichi Iizu. Kensuke Takazawa, Kazuki Akieda, Isotoshi Yamamoto, and Sadaki Inokuchi	528 ka,	Editorial to accompany "Changes in blood pressure after administration of hydroxocobalamin: Relationship to change in plasma cobalamins-(III) concentrations in healthy volunte (Uhl et al., present edition) Alan H. Hall	
Correlation of paired plasma and saliva paracetamol levels following deliberate self-poisoning with		VOLUME 46, NUMBER 7, 2008	
paracetamol (The Salivary Paracetamol In Toxicology		NACCT ABSTRACTS	
[SPIT] study) H. Wade, D.L. McCoubrie, D.M. Fatovich, J. Ryan, S. Vasikaran, and F.F. Daly	534	Program of the 2008 North American Congress of Clinical Toxicology Annual Meeting, September 11–16, 2008, Toronto, Canada	581
The development of $IgY(\Delta Fc)$ antibody based neurotoxin antivenoms and the study on their neutralization efficacies <i>Victor Y-Neng Chiou</i>	539	Abstracts of the 2008 North American Congress of Clinical Toxicology Annual Meeting, September 11–16, 2008, Toronto, Canada	591
Spectrophotometry of hydroxocobalamin and hemoglobin		NACCT 2008 Author index	646
reveals production of an unanticipated methemoglobin variant	545	NACCT 2008 Subject index	654
Kurt Denninghoff, Frank Gardner Walter, A.J. Langa, Yao He, and Russell A. Chipman	515	PRACTICE GUIDELINE	
Changes in blood pressure after administration of hydroxocobalamin: Relationship to changes in plasma cobalamins-(III) concentrations in healthy volunteers Wolfgang Uhl, Arno Nolting, Dieter Gallemann, Stefan Heand Andreas Kovar	551 echt,	Valproic acid poisoning: An evidence-based consensus guideline for out-of-hospital management Anthony S. Manoguerra, Andrew R. Erdman, Alan D. Wool Peter A. Chyka, E. Martin Caravati, Elizabeth J. Scharman Lisa L. Booze, Gwenn Christianson, Lewis S. Nelson, Daniel J. Cobaugh, and William G. Troutman	

ARTICLES		Fatal injury in Eastern Sri Lanka, with special	
Effects of adenosine receptor antagonists on amitriptyline- induced QRS prolongation in isolated rat hearts	677	8	745
Aylin Akgun, Sule Kalkan, Nil Hocaoglu, Sedef Gidener, and Yesim Tuncok		Michael Eddleston and Sapumal Haggalla	
Pediatric plant exposures in Germany, 1998–2004	686	COMPLÉMENTARY & ALTERNATIVE MEDICINES	
Jörg Pietsch, Ingrid Koch, Maren Hermanns-Clausen, Georg Hüller, Rafael Wagner, and Jan Dressler		Syrian rue tea: A recipe for disaster Aslihan Yuruktumen, Sevilay Karaduman, Fecri Bengi, and John Fowler	749
CASE REPORTS		Acute renal failure and hepatitis following ingestion	
Human poisoning with hexastar TM : A hexaconazole-containing agrochemical fungicide Deepu David, Appaswamy Prabhakar, John Victor Peter,	692		753
and Kishore Pichamuthu			
Acute poisoning by pirimicarb: Clinical and		BRIEF COMMUNICATIONS	
Toxicological features Ulrich Hoffmann, Ute Hecker, and Peter Abel	694	Philippe G. Jorens, Dominique Robert, Griet Van Thielen,	758
VOLUME 46, NUMBER 8, 2008		and Jan Van Brabant	
CRITICAL CARE TOXICOLOGY		Blue-ringed octopus (<i>Hapalochlaena sp.</i>) envenomation of a 4-year-old boy: A case report Elena Cavazzoni, Bruce Lister, Phillip Sargent,	760
Risk factors and mechanisms of anaphylactoid reactions to acetylcysteine in acetaminophen overdose	697	and Andreas Schibler	
Nasrin Pakravan, W. Stephen Waring, Sushma Sharma, Christopher Ludlam, Ian Megson, and D. Nicholas Batema.	n	Estrogen exposure in a child from hair lotion used by her mother: Clinical and hair analysis data	762
Bromadiolone toxicokinetics: Diagnosis and treatment implications	703	Maria Pia Guarneri, Gianfranco Brambilla, Alberto Loizzo, Ilaria Colombo, and Giuseppe Chiumello	
Vanessa Mh Lo, Ck Ching, Albert Y.W. Chan, and Tony W.L. Mak		Intramuscular hemorrhage resulting in shock associated with warfarin toxicity	765
Technetium-99 ^m diethylenetriaminepentaacetic acid		Mustafa Serinken, Ozgur Karcioglu, and Baki Yagci	
radioaerosol scintigraphy in organophosphate induced pulmonary toxicity: Experimental study	711	An outbreak of fatal pneumonitis caused by contamination of illicit alcohol with paraquat	768
Yucel Yavuz, Eser Kaya, Yusuf Yurumez, Onder Sahin, Orhan Bas, Huseyin Fidan, and Murat Sezer		Ashanka Mahilal Beligaswatte, Prof. Senanayake A. Kulara Asoka B. Seneviratne, M.S. Padmini Wijenayake,	tne,
	716	W. Keerthi Kularatne, and L. Manoji Pathirage	
Acute alachlor and butachlor herbicide poisoning Ying-Chun Lo, Chen-Chang Yang, and Jou-Fang Deng	716	Dextromethorphan-induced serotonin syndrome Anna R. Schwartz, Anthony F. Pizon, and Daniel E. Brooks	77
OCCUPATIONAL/ENVIRONMENTAL		Portal vein thrombosis related to Cassia angustifolia	774
Evaluation of the patterns of potentially toxic exposures in Mississippi following Hurricane Katrina	722.	Secgin Soyuncu, Yildiray Cete, and Ali E. Nokay	/ /-
Robert Cox, Teresa Amundson, and Bruce Brackin		LETTER TO THE EDITORS	/
TOXICOVIGILANCE/EPIDEMIOLOGY		Use of sirolimus in a case of severe paraquat poisoning Fermin Barrueto, Cindy Lee, Mehrnaz Pajoumand,	77
Atypical sources of childhood lead poisoning in the United States: A systematic review from 1966–2006	728	Siu Yan Yeung, and Paul E. Starr	
Emmanuel C. Gorospe and Shawn L. Gerstenberger	720	ischemic colitis associated with acute carbon monoxide	78
Toxigenic fungi and mycotoxins in outdoor, recreational environments	729	poisoning Antonio Duenas-Laita, Francisco J. Mena-Martín, Pobla Barrelii Brita Parla Cil Sirver Loria Barria Andre	
Daniel Sudakin and Payam Fallah	738	Pablo Roquelai-Ruiz, Paula Gil-Simon, Jesús Barrio-Andre and Juan C. Martin-Escudero	es,

Table of Contents for Volume 46

A case of zaleplon overdose Clint Jean Louis, Bernabe Fernandez, Carlos Beaumont, Miguel Angel Pinillos, Anabel Bardom, and Yolanda Encina	782	Conservative management of elemental mercury retained in the appendix Daniel E. Rusyniak and Kristine A. Nañagas	831
Mercury tissue concentrations in various organs following a fatal intentional poisoning with mercury chloride Marc B. Sabbe, Didier Desruelles, and Agnes Meulemans	783	Subcutaneous silicone injection leading to multi-system organ failure Richard F. Clark, F. Lee Cantrell, Adam Pacal, William Che and David P. Betten	834 en,
<u>VOLUME 46, NUMBER 9, 2008</u>		Acute tacrolimus toxicity in a non-transplant patient Ayrn D. O'Connor, Daniel E. Rusyniak, and James Mowry	838
ARTICLES Acute arsenic trioxide ant bait ingestion by toddlers Jonathan P. Yarris, E. Martin Caravati, Zane B. Horowitz, John R. Stromness, Barbara 1. Crouch,	785	Infantile lead poisoning from an Asian tongue	841
A pilot study of occupational envenomations in North American zoos and aquaria Rais Vohra, Rick Clark, and Nilofar Shah	790	Serotonin syndrome following a single 50 mg dose of sertraline in a child Hanna Phan, Marcel J. Casavant, Sarah Crockett, Anthony Lee, Mark W. Hall, and Milap C. Nahata	845
Epidemiology of organophosphate pesticide poisoning in Taiwan Tzeng Jih Lin, Frank Gardner Walter, Dong Zong Hung, Jin Lian Tsai, Sheng Chuan Hu, Jung San Chang,	794	Systemic fluoride poisoning and death from inhalational exposure to sulfuryl fluoride Aaron Schneir, Richard F. Clark, Mamta Kene, and David Betten	850
Jou-Fang Deng, Peter Burritt Chase, Kurt Denninghoff, and Hon Man Chan Toxicity from the recreational use of 1-benzylpiperazine Paul Gee, Mark Gilbert, Sandra Richardson, Grant Moore,	802	Severe iatrogenic bismuth poisoning with bismuth iodoform paraffin paste treated with DMPS chelation Hanna Ovaska, David M. Wood, Ivan House, Paul I. Dargar Alison L. Jones, and Shona Murray	855 n,
Sharon Paterson, and Patrick Graham CroFab® reconstitution in various media: an in vitro solubility study Rais Vohra, Rick Clark, and Michael Kelner	808	Laryngeal edema and metabolic acidosis after Omnicide® ingestion P.M.S. Perera, K. Kularathne, and I.B. Gawarammana	858
The effect of ethyl pyruvate on dapsone-induced methemoglobinemia in rats You Hwan Jo, Woon Yong Kwon, Jeong Hoon Lee, Kyuseok Kim, Sang Do Shin, Young Joon Kang,	811	Myoclonic jerks due to acute bromovalerylurea intoxication Jiun-Nong Lin, Hsing-Lin Lin, Chun-Kai Huang, Chung-Hsi Lai, Hsing-Chun Chung, Shiou-Haur Liang, and Hsi-Hsun Lin	861 su
and Gil Joon Suh CASE REPORTS Cerebral air gas embolism from concentrated hydrogen	015	Fatal diphenhydramine poisoning with increased vascular permeability including late pulmonary congestion refractory to percutaneous cardiovascular support Yoshito Kamijo, Kazui Soma, Chie Sato, and Katsuyoshi	y 864
peroxide ingestion Steven P. Rider, Sue B. Jackson, and Daniel E. Rusyniak Hepatitis induced by Teucrium viscidum Wing Tat Poon, Tai Lin Chau, Chi Kong Lai, Ka Yan Tse, Yiu Cheung Chan, King Sun Leung, and Yan Wo Chan	815 819	Kurihara Toxicokinetics and toxicodynamics of elemental mercury following self-administration Giuseppe De Palma, Orietta Mariotti, Davide Lonati, Matteo Goldoni, Simona Catalani, Antonio Mutti,	869
Recurrent hemorrhage after western diamondback rattlesnake envenomation treated with crotalidae polyvalent immune fab (ovine) Joyia Fazelat, Sheldon H. Teperman, and Michael Touger	823	Carlo Locatelli, and Pietro Apostoli Sibutramine-induced acute myocardial infarction in a young lady Kin-Ming Anfernee Yim, Hon Wah Ng, Chi-Kin Chan, Gabriel Yip, and Fei Lung Lau	877
Colchicine-induced toxicity in a heart transplant patient with chronic renal failure Giorgio Eleftheriou, Giuseppe Bacis, Roberto Fiocchi, and Roberta Sebastiano	827	Hypotension in severe dimethoate self-poisoning James Davies, Darren Roberts, Peter Eyer, Nick Buckley, and Michael Eddleston	880

Systemic envenomation caused by the wandering spider <i>Phoneutria nigriventer</i> , with quantification of circulating venom	885	Intra-arterial N-acetylcysteine Vijaiganesh Nagarajan, Nalini Kulkarni and Nasreen Contractor	915
Fábio Bucaretchi, Sueli Moreira Mello, Ronan José Vieira, Ronei Luciano Mamoni, Maria Heloísa Souza Lima Blotta, Edson Antunes, and Stephen Hyslop		Transdermal buprenorphine intoxication Jan Magdalan and Anna Merwid-Lad	915
Rhabdomyolysis from an intramuscular injection of glyphosate-surfactant herbicide	890	Hypotension after ingestion of Aliskiren Henry A. Spiller	916
Sheng-Fu Weng, Dong-Zong Hung, Sung-Yuan Hu, Yu-Tse Tsan, and Lee-Min Wang		Insecticide contamination as a cause of food related illness Levent Ozturk, Seval Izdes, Elvin Kesimci,	917
Reversal of Brugada electrocardiographic pattern with sodium bicarbonate solution after amitriptyline overdose Ho Yin Chan, Yiu Cheung Chan, and Fei Lung Lau	892	Aysegul Akyol Balikci, and Orhan Kanbak Pregabalin overdose with benign outcome	917
Envenomation by a wild Guatemalan Beaded Lizard Heloderma horridum charlesbogerti	897	Henry A. Spiller and Robert Bratcher Disulfiram neuropathy: two cases of distal axonopathy	917
Daniel Ariano-Sánchez A:case series of accidental ingestion of hand warmer	900	Petros Nikolaos Karamanakos, Periklis Pappas, and Marios Marselos	
Andy Y.B. Tam, Y.C. Chan, and Fei Lung Lau A rare cause of abdominal compartment syndrome: acute trichlorethylene overdose	905	Author's reply to the comment on "Disulfiram neuropathy: two cases of distal axonopathy" Massimiliano Filosto, Laura Broglio, Marta Tentorio,	918
Jerome Liotier, Marie Barbier, Gaëtan Plantefeve, Christian Duale, Patrice Deteix, Bertrand Souweine, and Francois Coudoré		and Alessandro Padovani A fatal case of sevoflurane abuse F. Lee Cantrell	918
Accidental human injection of Excenel RTU TM : Ceftiofur hydrochloride in cottonseed oil David Gwynne-Jones, Patrick Lyall, Noelyn A. Hung,	908	Pediatric ingestion of seven lead bullets successfully treated with outpatient whole bowel irrigation Kerry A. Schwarz and Judith A. Alsop	919
and Grant Meikle IMAGES		Herbal preparation of realgar induces acute renal failure Cheng-Han Tsai, Yu-Tse Tsan, and Dong-Zong Hung	919
Pneumatocele complicating acute hydrocarbon pneumonitis Ravi K. Mallavarapu and Harold P. Katner	911	Utility of flumazenil in zopiclone overdose Chen-Chang Yang and Juo-Fang Deng	920
LETTER TO THE EDITORS		Cardiac arrest following therapeutic administration of <i>N</i> -acetylcysteine for paracetamol overdose <i>Nicola Cassidy, Joseph A. Tracey,</i>	921
Daphne caucasica ingestion in a child Henry A. Spiller and Danetta Willias	912	and Sean A. Drew	
Reply to "steroids for Caustic Ingestions" Robert S. Hoffman and Jessica Fulton	912	Acute poisoning with moxonidine? A case report Jan Magdalan, Anna Merwid-Lad, and Tomasz Sozanski	921
Thallium intoxication caused by ingestion of a 60-year-old poison Malhorzata Noceń, Grazyna Dutkiewicz, Kazimierz Ciechanowski, Krzysztof S. Borowiak, Zofia Jarmołowicz, and Katarzyna Seredynska	912	Hypertensive crisis and NSTEMI after accidental overdose of sustained release pseudoephedrine: A case report N. Ewen Wang, Erin Gillis, and Dawn Mudie	922
Comment on late-onset intermediate syndrome due to organophosphate poisoning	913	BOOK REVIEWS	
Pradeepa Jayawardane and Andrew Dawson Endoscopic removal of iron bezoar following		Review of Quantitative Environmental Risk Analysis for Human Health Budhi Sagar .	924
acute overdose Hon Wah Ng, Man Li Tse, Fei Lung Lau, and Wa Chu	913	Criminal Poisoning Timothy B. Erickson	925

VOLUME 46, NUMBER 10, 2008

AAPCC 2007 ANNUAL REPORT OF THE NPDS

2007 Annual Report of the American Association of Poison Control Centers' National Poison Data System (NPDS): 25th Annual Report Alvin C. Bronstein, Daniel A. Spyker, Louis R. Cantilena, Jody L. Green, Barry H. Rumack, and Stuart E. Heard

ARTICLE

Poisonings with pesticides in the Federal District of Brazil 1058 Eloisa D. Caldas, Fernanda M. Rebelo, Viviane O. Heliodoro, Andrea F.A. Magalhães, and Rafaela M. Rebelo

CASE RÉPORTS

Obtundation and seizure following ondansetron overdose in an infant 1064

Mathew George, Nadeem Al-Duaij, Katherine A O'Donnell, and Michael Wayne Shannon

Human Melia azedarach poisoning 1067

Dong Haur Phua, Wei-Jen Tsai, Jiin Ger, Jou-Fang Deng, and Chen-Chang Yang

Acute demyelinating encephalitis due to Abrus precatorius poisoning – complete recovery after steroid therapy 1071

and B. Srikant Narayana

Reversal of ergotamine-induced vasospasm
following methylprednisolone

Ali Rahman, Mustafa Yildiz, Erdogan Dadas,
Emir Donder, Mutlu Cihangiroglu, Cenker Eken,
and M. Nuri Bozdemir

Ratnakar Sahoo, Abdoul Hamide, S. Deepak Amalnath,

Usefulness of 13C-methacetin breath test in liver function testing in Amanita phalloides poisoning; breast feeding woman case 1077 Piotr Hydzik, Władysław Bielañski, Małgorzata Ponka, Maciej Wójcicki, Jerzy Lubikowski, Janusz Pach, and Wiesłan Pawlik

Pediatric fatality secondary to EDTA chelation 1083

Arla J. Baxter and Edward P. Krenzelok

Bone marrow aplasia following acute poisoning with chloroquine-proguanil

Christine Payen, Luc Monnin, Corine Pulce, and Jacques Descotes

A novel neuromuscular syndrome associated with clenbuterol-tainted heroin Alex Manini, Robert M. Labinson, Barbara Kirrane, Robert S. Hoffman, Rama Rao, Marina Stajic, and Lewis S. Nelson

IMAGES IN CLINICAL TOXICOLOGY

Oxcarbazepine-induced Drug Reaction with Eosinophilia and Systemic Symptoms (DRESS) 1093

Joseph L. D'Orazio

Myeloneuropathy in a dentist 1095

Leif E. Meyers and Bryan S. Judge

LETTERS TO THE EDITOR

927

Oral fomepizole administration to treat ethylene glycol and methanol poisonings: advantages and limitations Frédéric J. Baud

Authors' reply

Jeanna M. Marraffa, Christine M. Stork, William D. Grant,
and Mary Ann Howland

A reply to Soden et al.: your data shows autistic children have higher levels of heavy metals

M. Catherine DeSoto

1098

Authors' reply to letter regarding the original article "24-hour provoked excretion test for heavy metals in children with autism and typically developing controls, a pilot study" 1098 Sarah E. Soden, Carol B. Garrison, Jennifer A. Lowry, Gary S. Wasserman, and Stephen D. Simon

A mighty wind . 1098 Jay Foster and Daryn Lehoux

Zopiclone-associated methemoglobinemia and renal impairment 1099 Shu Wing Kung, Man Li Tse, Yiu Cheung Chan, Fei Lung Lau, Sik Hon Tsui, Sidney Tam, and Tak Shing Siu

Hymenoptera sting complicated by pseudotumor cerebri in a 9-year-old boy

Rajoo Thapa, Biswajit Biswas, and Debkrishna Mallick

Comment on "Dextromethorphan-induced serotonin syndrome" 1101 Petros Nikolaos Karamanakos and Eleftheria Spyridon Panteli

Author's reply to the comment on
"Dextromethorphan-induced serotonin syndrome"

Anthony F. Pizon and Daniel E. Brooks

Successful whole bowel irrigation in self-poisoning with potassium capsules

Jonas Höjer and Sune Forsberg

1102

Acute pancreatitis after severe theophylline overdose 1103 Po-Heng Liu, Bor-Jen Lee, Chen-Yu Wang, and Dong-Zong Hung

1085 BOOK REVIEW

Postmortem Toxicology of Abused Drugs

Jerrold B. Leikin

1104

2008 Index

1088

Author Index for Volume 46

A

Abel, Peter, 694 Abouzaid, M., 222 Agarwal, Satish Kumar, 153 Akgun, Aylin, 677 Akieda, Kazuki, 528 Al-Amin, Mohammad, 176 Al-Duaij, Nadeem, 1064 Alper, Eray, 218 Alsop, Judith A., 919 Altuntas, Irfan, 141 Amalnath, S. Deepak, 1071 Amundson, Teresa, 722 Andreola, Barbara, 329 Andrew, Erik, 310 Angelopoulos, Nikiforos V., 57 Angerer, Jürgen, 193 Antunes, Edson, 885 Apostoli, Pietro, 869 Ariano-Sánchez, Daniel, 897 Ashrith, Guha, 250 Audia, Pat, 164 Ayaz, Faik Ahmet, 437

B

Babu, Kavita M., 146 Bacis, Giuseppe, 827 Balikci, Aysegul Akyol, 917 Ballabio, Cinzia, 282 Barbier, Marie, 905 Bardom, Anabel, 782 Barrio-Andrés, Jesús, 780 Barrueto, Fermin, 778 Bartels, Susan, 243 Bas, Orhan, 141, 711 Bateman, D. Nicholas, 697 Baud, Frédéric J., 1097 Bavinck, J.N. Bouwes, 479 Baxter, Arla J., 1083 Beauloye, Christophe, 475 Beaumont, Carlos, 782 Bebarta, Vikhyat S., 90 Beligaswatte, Ashanka Mahilal, 768 Benevent, Monique, 267 Bengi, Fecri, 749 Benitez, Fernando L., 79 Benson, Blaine E., 507 Bentur, Yedidia, 206 Bernard, Alfred, 230 Betten, David, 850

Betten, David, P., 834

Bielañski, Władysław, 1077 Bird, Steven, 297 Biswas, Biswajit, 1100 Bjornaas, M.A., 35 Bjornas, Maria, 42 Blizzard, Joseph Charles, 450 Blondal, Margret, 126 Bloom-Krasik, Anna, 206 Blotta, Maria Heloísa Souza Lima, 885 Bond, G.R., 222 Booze, Lisa L., 1, 661 Bornschein, Susanne, 193, 443 Borowiak, Krzysztof S., 912 Bosse, George, 320 Bowers, George N., 110 Boyer, Edward, 560 Boyer, Edward W., 146 Bozdemir, M. Nuri, 1074 Brackin, Bruce, 722 Brambilla, Gianfranco, 762 Bramness, Jørgen, 307 Bratcher, Robert, 917 Brignall, Jane L., 570 Broglio, Laura, 314, 918 Bronstein, Alvin C., 927 Brooks, Daniel E., 771, 1101 Brubacher, Jeffrey R., 570 Brvar, Miran, 270 Bucaretchi, Fábio, 885 Buckley, Nick, 489, 880 Bunc, Matjaž, 270 Buyukokuroglu, Mehmet, 67 Buzio, Serena, 314

C

(

0

C

C

C

C

C

C

CI

CI

CI

Cl

Ch

Ci

Ci

Ci

Cla

Cla

Co

Co

Co

Co

Co

Co

Co

Cot

Cor

Cox

Cro

Cro

Cro

Cro

Cur

Da I

Dad

Dall

Daly

Dan

Darg

Day

Day

Daw

de A

De E

De E

Caldas, Eloisa D., 1058 Caner, Ibrahim, 300 Cantilena, Louis R., 927 Cantrell, F.L., 117 Cantrell, F. Lee, 834, 918 Cappelletti, Elsa, 329 Caravati, E. Martin, 1, 661, 785 Caravati, Martin, 105 Casavant, Marcel J., 845 Cassidy, Nicola, 921 Catalani, Simona, 869 Cavazzoni, Elena, 760 Cete, Yildiray, 774 Chan, Albert Y.W., 703 Chan, Chi-Kin, 877 Chan, Ho Yin, 892 Chan, Hon Man, 794 Chan, Yan Wo, 819

Chan, Y.C., 900

Chan, Yiu Cheung, 753, 819, 892, 1099

Chan, Y.W., 290

Chandra, Divay, 250

Chang, Jung San, 794

Chase, Peter Burritt, 794

Chau, Tai Lin, 753, 819

Chee, Kerlen J., 461

Chen, Chun-Yu, 340

Chen, William, 834

Ching, Ck, 703

Chiou, Victor Y-Neng, 539

Chipman, Russell A., 545

Chiumello, Giuseppe, 762

Chomchai, Chulathida, 841

Chotenimitkhun, Runyawan, 122

Choub, Anna, 314

Christianson, Gwenn, 1, 661

Chu, Wa, 913

Chung, Hsing-Chun, 861

Chyka, Peter A., 1, 661

Ciechanowski, Kazimierz, 912

Ciftci, Ihsan Hakki, 67

Cihangiroglu, Mutlu, 1074

Clark, Richard F., 834, 850

Clark, Rick, 790, 808

Cobaugh, Daniel J., 1, 661

Cohen, Jason, 297

Cohen, Victor, 346

Colombo, Ilaria, 762

Colombo, Maria Laura, 282

Contractor, Nasreen, 915

Cooreman, Sarah, 303

Cotelli, Maria Sofia, 314

Coudoré, François, 905

Cox, Robert, 722

Crockett, Sarah, 845

Crosby, Deborah, 243

Crouch, Barbara, 105

Crouch, Barbara I., 785

Curtis, John, 22

D

Da Dalt, Liviana, 329

Dadas, Erdogan, 1074

Dalhoff, Kim, 239

Daly, F.F., 534

Danel, Vincent, 279

Dargan, Paul I., 855

David, Deepu, 692

Davies, James, 880

Dawson, Andrew, 489, 913

de Abreu, Valdemir Aparecido, 519

De Bauwer, Isabelle, 475

De Bleecker, Jan L., 264

De Doncker, Mireiile, 303

D'Errico, Stefano, 322

de Fátima Domingos Furtado, Maria, 519

D'Orazio, Joseph L., 1093

De Paep, Rudi, 303

De Palma, Giuseppe, 869

De Roock, Sophie, 475

de Silva, Janaka, 489

Dein, F. Joshua, 93

Delaney, Kathleen A., 79

Delmas, Gael, 274

Deng, Jou-Fang, 716, 794, 920, 1067

Denninghoff, Kurt, 545, 794

Denton, J. Scott, 501

Descotes, Jacques, 267, 1085

DeSoto, M. Catherine, 1098

Desruelles, Didier, 783

Deteix, Patrice, 905

Deutsch, Josef, 566

Dewan, Aruna, 85

DeWitt, Christopher R., 570

Donder, Emir, 1074

Doneray, Hakan, 300

Donovan, J. Ward, 89

Dow, Margaret A., 496

Dressler, Jan, 686

Drew, Sean A., 921

Drottning, P., 35

Duale, Christian, 905

Dubrow, Alan, 164

Dudley, William, 105

Duenas-Laita, Antonio, 780

Dutkiewicz, Grazyna, 912

E

Eagleman, David M., 201

Eddleston, Michael, 745, 880

Ekeberg, O., 35

Ekeberg, Oivind, 42

Eken, Cenker, 257, 1074

El Guindi, M., 222

El Seddawy, A., 222

Ela, Yuksel, 141

Eleftheriou, Giorgio, 827

Ellington, Lee, 105

Encina, Yolanda, 782

Endo, Yoko, 332

Eray, Oktay, 257

Erdman, Andrew R., 1, 661

Erhardt, Gunnar D., 570

Erickson, Tim, 501

Erickson, Timothy B., 925

Eyer, F., 261

Eyer, Peter, 880

Fallah, Payam, 738 Fang, Ji-Tseng, 293 Fatovich, D.M., 534 Fazelat, Joyia, 823 Feinfeld, Donald A., 164 Ferguson, Kathy L., 470 Fernandez, Bernabe, 782 Fidan, Huseyin, 141, 711 Filippini, Raffaella, 329 Filosto, Massimiliano, 314; 918 Fineschi, Vittorio, 322 Finkel, Kewin W., 250 Fiocchi, Roberto, 827 Fiore, Carmela, 322 Flesch, Francoise, 274 Foerstl, Hans, 193 Forrest, Alan, 181 Forsberg, Sune, 1102 Förstl, Hans, 443 Forte, Elaine, 110 Foster, Jay, 1098 Fowler, John, 749 Francony, Gilles, 279 Fuggetta, Dalia, 282 Fukushima, Hidetada, 254 Fulton, Jessica, 912 Fung, Hin Tat, 167

G

Gaillard, Yvan, 279 Gallemann, Dieter, 551 Gamaluddin, H., 222 Ganetsky, Michael, 297 Garg, Dheeraj, 153 Garg, Sandeep, 153 Garrison, Carol B., 1098 Gawarammana, I.B., 858 Gee, Paul, 802 George, Mathew, 560, 1064 Ger, Jiin, 287, 1067 Gerber, Bernard, 475 Gerrits, G.PJ.M., 479 Gerstenberger, Shawn L., 728 Gidener, Sedef, 677 Gil, Fernando, 563 Gil, Hyo-Wook, 515 Gil-Simon, Paula, 780 Gilbert, Mark, 802 Gillis, Erin, 922 Glintborg, Bente, 239 Goessler, Walter, 566 Goldoni, Matteo, 869

Gorospe, Emmanuel C., 728 Gotelli, Carlos, 325 Gotelli, Mariano Javier, 325 Graham, Patrick, 802 Grant, William D., 1097 Grant, William, 181 Graudins, Andis, 50 Green, Jody L., 927 Greenberg, Michael, 22, 485 Greller, Howard A., 470 Greter, Joachim, 187 Griffith, Jill, 171 Guarneri, Maria Pia, 762 Gudjonsdottir, Gudborg A., 126 Gudjonsdottir, Gudborg, 310 Gudmundsson, Sigurdur, 126 Gunduz, Abdulkadir, 437 Guntupalli, Jayarama S., 250 Gupta, Aditya Kumar, 250 Gupta, Sachin, 250 Gurne, Olivier, 475 Gwynne-Jones, David, 908

H

H

H

H

H

H

H

H

H

H

H

H

H

H

H

H

H

H

H

H

Inc

Inc

Ire

Izo

Jac

Jac

Jac

Jac

Jah

Jan

Jan

Jasi

Jay

Jay

Jell

Jeo

Jetz

Jin,

Jo.

Jone

Jore

Jud

Kah

Kall

Kan

Kan

Haberl, B., 259 Hadjichristodoulou, Christos S., 57 Hagemann, Tracy, 338 Haggalla, Sapumal, 745 Halbach, Stefan, 133 Hall, Alan H., 576 Hall, Mark W., 845 Hamide, Abdoul, 1071 Hantson, Philippe, 230, 475 Hausteiner, Constanze, 193, 443 He, Yao, 545 Heard, Stuart E., 927 Hecht, Stefan, 551 Hecker, Ute, 694 Heliodoro, Viviane O., 1058 Hermanns-Clausen, Maren, 686 Hermans, Cedric, 230 Hernon, Christina, 560 Hernández, Antonio F., 563 Heyerdahl, Fridtjof, 42 Hocaoglu, Nil, 677 Hoffman, Robert S., 470, 912, 1088 Hoffmann, Ulrich, 694 Høiseth, Gudrun, 307 Höjer, Jonas, 336, 317, 1102 Holstege, Christopher P., 450 Hong, Sae-Yong, 515 Hopfer, Sidney, 110 Horowitz, B. Zane, 507 Horowitz, Zane B., 785 House, Ivan, 855

Hovda, K.E., 35

Hovda, Knut Erik, 42

Howland, Mary Ann, 181, 1097

Hoyle, John D., Jr., 574

Hsu, Ching-Wei, 293

Hu, Sheng Chuan, 794

Hu, Sung-Yuan, 890

Huang, Chun-I, 159

Huang, Chun-Kai, 861

Huang, Wen-Hung, 293

Hughes, Ashley, 461

Hüller, Georg, 686

Hulting, Johan, 336

Hung, Dong Zong, 794, 890, 919, 1103

Hung, Noelyn A., 908

Hurri, Tommi, 310

Hussain, Javed, 841

Hydzik, Piotr; 1077

Hyslop, Stephen, 519, 885

I

Iizuka, Shinichi, 528

Inokuchi, Sadaki, 528

Inoue, Shigeaki, 528

Irestedt, Birgitta, 310

Izdes, Seval, 917

J

Jackson, Sue B., 815

Jacobsen, D., 35

Jacobsen, Dag, 42

Jacobsen, Peter, 310

Jahn, Thomas, 193

Jani, Umesh J., 85

Jani, Omesn J., 85

Jarmołowicz, Zofia, 912

Jasti, Srichand, 105

Jay, Gregory, 461

Jayawardane, Pradeepa, 913

Jellinek, Samantha P., 346

Jeong, Tae-O, 482

Jetzinger, E., 261

Jin, Young-Ho, 482

Jo, You Hwan, 811

Jones, Alison L., 855

Jorens, Philippe G., 303, 758

Judge, Bryan S., 574, 1095

K

Kahveci, Ferda, 218

Kalkan, Sule, 677

Kam, Chak Wah, 167

Kamijo, Yoshito, 864

Kanbak, Orhan, 917

Kang, Mun-Soo, 515

Kang, Young Joon, 811

Kao, Wei-Fong, 159

Kapš, Rafael, 270

Karaduman, Sevilay, 749

Karakelleoglu, Cahit, 300

Karamanakos, Petros Nikolaos, 917, 1101.

Karbakhsh, Mojgan, 211

Karcioglu, Ozgur, 765

Karunaratna, Madawa, 489

Katner, Harold P., 911

Kaya, Eser, 711

Kaya, Fatma Nur, 218

Kelly, Katherine, 110

Kelner, Michael, 808

Kene, Mamta, 850

Kennedy, James R., 570

Kent, Kristen, 297

Kesimci, Elvin, 917

Kilbas, Aynur, 141

Kim, Kyuseok, 811

Kirrane, Barbara, 1088

Kirschner, Ron, 89

Kleber, J., 259

Knudsen, Kai, 187

Koch, Ingrid, 686

Köhler, Wolfgang, 133

Konobu, Toshifumi, 254

Zamaina Balana 270

Kosmina, Polona, 270

Koukoulis, George N., 57 Kovar, Andreas, 551

Koželi, Gordana, 270

Kremers, Leo, 133

Krenzelok, Edward, 101

Krenzelok, Edward P., 1083

Kristinsson, Jakob, 126

Kubota, Ryuichi, 332

Kucuker, Hudaverdi, 141

Kularathne, K., 858

Prof. Kularatne, Senanayake A., 768

Kularatne, W. Keerthi, 768

Kulkarni, Nalini, 915

Kung, Shu Wing, 753, 1099

Kurihara, Katsuyoshi, 864

Kwon, Woon Yong, 811

L

Labinson, Robert M., 1088

Lai, C.K., 290

Lai, Chi Kong, 819

Lai, Chung-Hsu, 861

Lai, Cing Hon, 167

Lam, George S.S., 570

Author Index for Volume 46

Lam, Ka Keung, 167 Landelle, Caroline, 279 Langa, A.J., 545 Lau, Fei Lung, 753, 877, 892, 900, 913, 1099 Lawson, Edward J., 570 Lazzarini, Clara, 314 Lee, Anthony, 845 Lee, Bor-Jen, 1103 Lee, Chen-Hsen, 159 Lee, Cindy, 778 Lee, Eun-Young, 515 Lee, Jae-Baek, 482 Lee, Jeong Hoon, 811 Lehoux, Daryn, 1098 Leikin, Jerrold B., 1104 Leite, Gildo Bernardo, 519 Lepik, Katherine J., 570 Leung, King Sun, 819 Li, Chun-Fang, 287 Liang, Shiou-Haur, 861 Lin, Hsi-Hsun, 861 Lin, Hsing-Lin, 861 Lin, Jiun-Nong, 861 Lin, Tzeng Jih, 794 Linde, Klaus, 133 Linnet, Kristian, 239 Liotier, Jerome, 905 Lister, Bruce, 760 Litovitz, Toby, 507 Liu, Po-Heng, 1103 Lo, Bruce, 348 Lo Balbo, Alfredo, 325 Lo, Vanessa Mh, 703 Lo, Ying-Chun, 716 Locatelli, Carlo, 869 Loizzo, Alberto, 762 Lonati, Davide, 869 Louis, Clint Jean, 782 Lowry, Jennifer A., 1098 Lubikowski, Jerzy, 1077 Ludlam, Christopher, 697 Lyall, Patrick, 908

M

Magalhães, Andrea F. A., 1058 Magdalan, Jan, 915, 921 Mak, Tony W.L., 703 Mak, W.L., 290 Makowski, Gregory S., 110 Malkus, Herbert, 110 Mallavarapu, Ravi K., 911 Mallick, Debkrishna, 1100 Mamoni, Ronei Luciano, 885 Mancuso, Michelangelo, 314 Manini, Alex, 1088 Manoguerra, Anthony S., 1, 661 Mariotti, Orietta, 869 Marr-Lyon, Lisa, 507 Marraffa, Jeanna, 181 Marraffa, Jeanna M., 1097 Marselos, Marios, 917 Martin-Escudero, Juan C., 780 Mathew, Jomal, 173 Matwin, Sonia, 105 Mazo, Ellen, 101 McComb, Robert, 110 McCoubrie, D.L., 534 McCullough, Laura, 841 McCurdy, Christopher R., 146 McDonagh, John, 110 McGoodwin, Lee, 338 McKay, Charles A., 110 McKeown, Nathanael J., 785 McMartin, Kenneth, 181 Meeus, Roel, 303 Megson, Ian, 697 Meikle, Grant, 908 Melchart, Dieter, 133 Mello, Sueli Moreira, 885 Memis, Dilek, 457 Mena-Martín, Francisco J., 780 Méndez, Fernando, 563 Mercado, Juan M., 563 Merwid-Lad, Anna, 915, 921 Meulemans, Agnes, 783 Meyers, Leif E., 1095 Michels, Jill E., 450 Miller, Tanner, 338 Ming-Yueh Chou, 159 Misbahuddin, Mir, 176 Momin, A., 176 Monnin, Luc, 1085 Monserrat, Alberto Juan, 325 Moore, Grant, 802 Moro, Enzo, 282 Mowry, James, 838 Mrvos, Rita; 101 Mudie, Dawn, 922 Muntean, Michael, 566 Murray, Shona, 855 Musikatavorn, Khrongwong, 157 Mutti, Antonio, 869

N

N

N

N

N

N

N

Ni

Ni

Ni

No

No

No

No

No

O'

Oc

O'

Og

Ok

Ok

Ol

Ol

Op

Op

Ov

Oz

Oz

Oz

Oz

Oz

Pac

Pac

Pac

Pae

Pag

Paj

Pak

Pal

Pal

Pan

Pan

Pap

Par

Pate

Pate

Patl

Patl

Nagarajan, Vijaiganesh, 915 Nahata, Milap C., 845 Najafi, Javad, 50 Nakajima, Yoshiaki, 332 Nakamura, Tatsuya, 254
Nañagas, Kristine A., 831
Narayana, B. Srikants, 1071
Neels, Hugo, 303
Nelson, Lewis S., 1, 470, 661, 1088
Ng, Hon Wah, 877, 913
Ng, S.W., 290
Nilson, Douglas, 461
Nishiguchi, Takashi, 254
Nishio, Kenji, 254
Noceń, Malhorzata, 912
Nokay, Ali E., 774
Nolting, Arno, 551
Norimoto, Kazunobu, 254
Nowak, Dennis, 443

o

O'Connor, Ayrn D., 838 Odofin, Lynda, 93 O'Donnell, Katherine A, 1064 Ogawa, Masanori, 332 Okrajšek, Renata, 270 Okuchi, Kazuo, 254 Oliveira, Caroline Borja, 519 Olsen, Lenette, 239 Opdahl, A., 35 Opdahl, Anders, 42 Ovaska, Hanna, 855 Ozbek, Kerem, 257 Ozkan, Asuman, 300 Ozkan, Behzat, 300 Ozturk, Levent, 917 Ozyurt, Gurayten, 218

P

Pacal, Adam, 834 Pach, Janusz, 1077 Padovani, Alessandro, 314, 918 Paelinck, Bernard P., 303 Pagonis, Thomas A., 57 Pajoumand, Mehrnaz, 778 Pakravan, Nasrin, 697 Pal, Ramavati R., 85 Palsson, Runolfur, 126 Panchal, Maulik D., 85 Panteli, Eleftheria Spyridon, 1101 Pappas, Periklis, 917 Partridge, Robert, 461 Patel, Ashwin B., 85 Paterson, Sharon, 802 Pathirage, L. Manoji, 768 Pathmeswaran, Arunasalam, 489

Pauwels, Walter J., 264 Pawlik, Wiesłan, 1077 Payen, Christine, 1085 Peiris-John, Roshini, 489 Perera, P.M.S., 858 Persico, Andrea, 282 Personne, Mark, 317 Peter, John Victor, 692 Petersen, Jeffrey, 342 Petranovic, Milena, 841 Pettie, Janice M., 496 Pfab, R., 259, 261 Phan, Hanna, 845 Phua, Dong Haur, 1067 Pia Pasolini, Maria, 314 Pichamuthu, Kishore, 692 Pièche, S., 222 Pietsch, Jörg, 686 Pilapil, Maricel, 342 Pillen, S., 479 Pinillos, Miguel Angel, 782 Piovan, Anna, 329 Pizon, Anthony, 348 Pizon, Anthony F., 771, 1101 Pla, Antonio, 563 Plantefeve, Gaëtan, 905 Pohl, Corina, 193 Pomara, Cristoforo, 322 Ponka, Małgorzata, 1077 Poon, W.T., 290 Poon, Wing Tat, 819 Poulsen, Henrik, 239 Prabhakar, Appaswamy, 692 Pulce, Corine, 1085 Purssell, Roy A., 570

Q

Quintana, Eduardo Fernando Valdes, 325

R

Rabinowitz, Peter, 93
Rahman, Ali, 1074
Raikhlin-Eisenkraft, Bianca, 206
Raj, Mithun, 173
Rao, Rama, 1088
Rebelo, Fernanda M., 1058
Rebelo, Rafaela M., 1058
Reeder, Clairborne E., 450
Restani, Patrizia, 282
Richard, Julie, 243
Richardson, Sandra, 802
Richardson, William H., 450

Author Index for Volume 46

Rider, Steven P., 815 Riezzo, Irene, 322 Rivera, Wilfredo, 79 Robert, Dominique, 758 Roberts, Darren, 880 Robinson, Oliver D., 496 Rodgers, George, 320 Rojnuckarin, Ponlapat, 122 Römmelt, Horst, 443 Roquelai-Ruiz, Pablo, 780 Rose, Jonathan, 346 Rothmann, Christophe, 274 Rumack, Barry H., 927 Rur-Sc, Michael Perry M., 50 Russell, Robert M., 437 Rusyniak, Daniel E., 815, 831, 838 Ryan, J., 534

S

Sabbe, Marc B., 783 Sabouraud, Sabine, 267 Sagar, Budhi, 924 Saglam, Hayrettin, 67 Sahin, Onder, 67, 141, 711 Sahni, Vaibhav, 153 Sahoo, Ratnakar, 1071 Saito, Takeshi, 528 Sakr, M., 222 Saller, Reinhard, 133 Salmonson, Heléne, 336 Sam-Laï, Nathalie Fouilhé, 279 Samarawickrema, Nirma, 489 Sargent, Phillip, 760 Sato, Chie, 864 Sauvageau, Anny, 156 Scarpelli, Mauro, 314 Scharman, Elizabeth J., 1, 661 Schibler, Andreas, 760 Schneir, Aaron, 850 Schulz, Richard M., 450 Schumann, Heather, 501 Schwartz, Anna R., 771 Schwarz, Kerry A., 919 Sebastiano, Roberta, 827 Seki, Tadahiko, 254 Sena, Salvatore F., 110 Seneviratne, Asoka B., 768 Seredynska, Katarzyna, 912 Serinken, Mustafa, 765 Service, Jennifer A., 71 Sezer, Murat, 711 Shah, Nilofar, 790 Shang-Lin Chou, 159 Shannon, Michael Wayne, 1064 Sharma, Sushma, 697 Sheroff, Adina, 560 Shin, Sang Do, 811 Simioni, Léa Rodrigues, 519 Simon, Stephen D., 1098 Singel, Vinu C., 85 Singh, Narinder Pal, 153 Siu, Tak Shing, 1099 Sivilotti, Marco, 243 Skog, K., 35 Skog, Karina, 42 Smith, Andrew, 110 Smith, Silas W., 470 Snook, Curtis P., 126 Soden, Sarah E., 1098 Soglu, Gilbert, 267 Soma, Kazui, 864 Sonicki, Z., 222 Sørlid, Hanne Kristin, 307 Souweine, Bertrand, 905 Soyuncu, Secgin, 774 Sozanski, Tomasz, 921 Spiller, Henry, 171, 320 Spiller, Henry A., 912, 916, 917 Spyker, Daniel A., 927 Stajic, Marina, 1088 Staric, Feliks, 270 Starr, Paul E., 778 Stephen, Alexandra F., 496 Stone, Jason R., 344 Stork, Christine, 181 Stork, Christine M., 1097 Stromness, John R., 785 Subrahmanyan, Dharanipragada, 173 Sucov, Andrew, 461 Sudakin, Daniel, 738 Suh, Gil Joon, 811 Sullivan, Janice, 320 Suner, Selim, 461 Sut, Necdet, 457 Suteparuk, Suchai, 157 Suzuki, Yosuke, 528

T

T

T

Ti

Tı

Ts

Ts

Ts

Ts

Ts

Ts

Ts Ts

Tu

Tu

Uh

Va

Va

var

var

var

Va

Va

Vel

Vei

Vei

Ver

Vie

Vin

Vita

Vle

Vol

Vol

Wae

Wag

Wal Wal

War War

War

War

T

Takazawa, Kensuke, 528
Tam, Andy Y.B., 900
Tam, Man Kei Paul, 753
Tam, Sidney, 1099
Tentorio, Marta, 314, 918
Teperikidis, Eleftherios, 346
Teperman, Sheldon H., 823
Testud, François, 267
Thapa, Rajoo, 1100
Thompson, Trevonne M., 501

Toli, Paraskevi N., 57
Touger, Michael, 823
Touw, D.J., 74
Tracey, Joseph A., 921
Troutman, William G., 1, 661
Tsai, Cheng-Han, 919
Tsai, Jin Lian, 794
Tsai, Wei-Jen, 1067
Tsai, Yi Cheng, 340
Tsan, Yu-Tse, 890, 919
Tse, Ka Yan, 819
Tse, Man Li, 753, 913, 1099
Tsuang, John, 344
Tuncok, Yesim, 677
Turedi, Suleyman, 437

U

Uhl, Wolfgang, 551

V

Vallant, Birgit, 566 Van Brabant, Jan, 758 van Enckevort, C.C.G., 74 van der Linde, A.A.A., 479 van Thielen, Griet, 758 Vancraynest, David, 475 Vasikaran, S., 534 Velez, Larissa I., 79 Vena, Jason, 110 Verdicchio, Mario, 187 Verpooten, Gert A., 303 Vieira, Ronan José, 885 Vincent, Françoise, 279 Vitale, Christopher, 560 Vleming, L.-J., 74 Vohra, R., 117 Vohra, Rais, 79, 790, 808

W

Wade, H., 534
Wagner, Rafael, 686
Waksman, Javier C., 90
Walter, Frank Gardner, 545, 794
Wang, Chen-Yu, 1103
Wang, Lee-Min, 890
Wang, N. Ewen, 922
Waring, W. Stephen, 71, 496, 697

Wasserman, Gary S., 1098 Watson, William A., 507 Weng, Sheng-Fu, 890 Werbrouck, Bart F., 264 White, Marisa K., 507 White, Nicole C., 507 Wickremasinghe, Rajitha, 489 Wijenayake, M.S. Padmini, 768 Wilcox, Matthew, 93 Wiley, James, 93 Williams, S.R., 117 Williamson, Jacquee, 105 Willias, Danetta, 320, 912 Winchester, James F., 164 Wium, Cecilie, 42 Wójcicki, Maciej, 1077 Wong, Oi Fung, 167 Wood, David M., 855 Woolf, Alan D., 1, 661, 841 Wrobleski, Isabelle, 279 Wu, Alan H.B., 110

Y

Yagci, Baki, 765 Yamamoto, Isotoshi, 528 Yang, Chen-Chang, 287, 340, 716, 920, 1067 Yang, Jong-Oh, 515 Yang, Ning-I, 340 Yarris, Jonathan P., 785 Yavuz, Yucel, 67, 141, 711 Yen, David H.T., 159 Yeung, Siu Yan, 778 Yildirim, Canan Kuk, 257 Yildiz, Mustafa, 1074 Yim, Kin-Ming Anfernee, 877 Yip, Gabriel, 877 Youssef, A., 222 Yuruktumen, Aslihan, 749 Yurumez, Yusuf, 67, 711

Z

Zandi, Negar Salehian, 211 Zautcke, John L., 501 Zilker, T., 259, 261 Zilker, Thomas, 133, 193, 443 Zorick, Todd S., 344

Subject Index for Volume 46

1,4-butanediol, 187 13C-Methacetin breath test, 1077 2,3-dimercapto-1-propanesulfonic acid, 133 5-fluorouracil, 264 α-glutathione-S-transferase (α-GST), 243

A

A waves, 264 Abdominal compartment syndrome, 905 Abrus precatorius, 173, 1071 Accidental ingestion, 325 Acetaminophen, 496, 697 Acetylcholinesterase, 110 Acid-base disorders, 838 Acute, 250, 827 Acute kidney injury, 164 Acute myocardial infarction, 877 Acute poisoning, 35, 42, 126, 450, 716, 753, 758, 819, 880, 890, 897, 911, 1058, 1064, 1067, 1085 Acute pulmonary edema, 254 Acute renal failure, 753, 838 Acute respiratory distress syndrome, 287 Addiction, 261 Adenosine, 105, 677 Adenosine receptor antagonists, 677 Adherence, 105 Adult, 250, 267 Adults, 126 Adverse drug reaction, 496 Adverse effects, 133, 570, 697, 802, 908, 1064, 1088 Air gas embolism, 815 Alachlor, 716 Alcohol, 35, 42 Alendronate, 300 Allergic reaction, 257 Alpha agonist, 171 Altered sensorium, 173 Amanita phalloides poisoning, 1077 Amitriptyline, 485, 677 Amlodipine, 470 Anabolic steroids toxicity, 57 Analytical, 771 Anaphylaxis, 156 Andromedotoxin, 437

Animal model, 50

Animal sentinels, 93

Animal thyroid tissue, 290

Anticonvulsant hypersensitivity syndrome, 1093

Anti-obesity agents, 290

Antidepressants, 475, 892

Antidote, 50, 551, 697, 811

Anticonvulsant, 1093

Antiemetic, 1064

Antifreeze poisoning, 507
Antiseptic first aid liquid, 254
Antivenom, 122, 519, 539, 808
Appendectomy, 831
Appendicitis, 831
Arsenic trioxide, 785
Arterial vasoconstriction, 1074
Asp caterpillar, 201
Aspiration, 222, 560
Atropine, 141
Auisocoria, 329
Aversive agents, 507

B

Cł

Ch

Cł

Ch

Ch

Ch

Ch

Ch

Ch

CF

Ch

Ch

Ch

Ch

Ch

Ch

Cit

Cla

Cle

Clo

Co

Col

Con

Con

Cor

Cor

Cor

Cor

Cor

Cor

Cor

Cos

Cos

Crir

Cro

Cro

Cya

Cya

Cya

Cyc

Deat

Dece

Deli

Dem

Dent

Deve

Dext

Diab

Diag

Dieta

Dieta

Diph

Bajiaolian, 159 Benzylpiperazine, 802 Bismuth, 855 Bleeding, 765 Blockade, 519 Blood, 133 Bone marrow aplasia, 1085 Bowel perforation, 905 Bradycardia, 570 Bromide, 861 Bromovalerylurea, 861 Broncheo-alveolar lavage fluid, 230 Brugada electrocardiographic pattern, 892 Brugmansia, 329 Butachlor, 716 BZP, 802

C **CaEDTA**, 332 CaNa₂EDTA, 267 Calcium channel blockers, 470 Calcium disodium ethylenediaminetetracetate, 267 Calcium oxalate crystals, 322 Candesartan, 164 Carbamates, 694, 1058 Carbon monoxide, 461, 722 Carbon monoxide poisoning, 218, 287 Cardiotoxicity, 71 Carisoprodol, 307 Carotenoid, 176 Carp, 753 Caterpillar, 201 Cathinone, 206 Celecoxib, 164 Cerbera manghas, 745 Charcoal, 303

Chelating drugs, 267

Chelation, 855

Chelation therapy, 479 Chemicals, 126

Chemical terrorism, 110

Chemical warfare agents, 93

Chemotherapy, 264

Chicago, 501

Child, 279, 329, 479, 686

Children, 126, 728, 762

Chinese herb, 1067

CHIPES, 574

Chloroquine, 1085

Cholinesterase, 110

Cholinesterase inhibitors, 694

Chronic arsenic poisoning, 176

Chronic renal failure, 827

Chumbinho, 1058.

Cibenzoline, 303

Clara cell 16 kDa protein, 230

Clearance, 711

Clomipramine, 317

Coagulopathy, 703, 823

Colchicine, 827

Communication, 105

Comparative medicine, 93

Compartment syndrome, 153

Confocal microscopy, 322

Conglomerate, 317

Consciousness, 42

Consumer health, 282

Controlled-release form, 274

Coronary spasm, 877

Cost, 457

Cost-benefit analysis, 450

Criminal poisoning, 925

CroFab, 808

Crotaline envenomation, 122, 808

Cyanide, 545, 551

Cyanoacrylate, 560

Cyanosis, 167

Cyclosporin, 827

D

Death, 156

Decompressive laparotomy, 905

Delirium, 261

Demyelination, 1071

Dental amalgam, 133

Developing countries, 85

Dextromethorphan, 771

Diabetes insipidus, 293

Diagnostic imaging, 574

Dietary supplement, 841

Dietary supplements, 146 Diphenhydramine, 67, 864 Disaster preparedness, 722

Disease outbreaks, 768, 1088

Dispensing error, 838

Disulfiram, 314

DMPS, 479, 855

DMPS chelation therapy, 566

DMSA, 267

Double-blind, 443

Drug abuse, 35, 42

Drug history, 239

Drug reaction with eosinophilia and systemic symptoms, 1093

Drugs, 126

Duck IgY(ΔFc), 539

Dysrhythmias, 79, 297

E

Eating disorder, 267

Ecbalium elaterium, 257

ECG changes, 758, 892

Ecstasy, 156

Edible morels, 259

Education, 101

Elderly, 211

Electrocardiograph, 71

Elemental mercury/poisoning, 1

ELISA, 885

Embolism, 869

Embolization, 834

Emergency department, 534, 760, 890, 897, 900

Encephalopathy, 855

Endoscopy, 317

Envenomation, 790, 897

Envenoming, 885

Environmental exposure, 489

Epidemic, 501

Epidemiology, 35, 310, 794

Epidermis, 176

Epilutein, 176

Ergotamine, 1074

Ergotism, 157, 1074

Essential oil, 279

Estrogens, 762

Ethanol, 243, 768, 802

Ethion, 85

Ethylene glycol, 322, 570

Evidence-based medicine, 93

Exposure, 443

F

Fab', 539

Fab (ovine), 823

Fatal, 768

Subject Index for Volume 46

Fatal case, 322
Fenitrothion poisoning, 528
Fentanyl, 501
Fenthion, 141
Fetus, 489
Fluoride, 850
Fomepizole, 181, 570
Food safety, 282
Food supplements, 282
Forensic toxicology; 925
Formic acid, 74, 287
Freon, 325
Fungi, 738
Fungicide, 692

G

Gallbladder, 753
Gamma-butyrolactone, 187
Gamma-hydroxybutyrate, 187
Gangrene, 122
Gasoline, 722
Gastroscopy, 317
GC/MS, 1088
GHB intoxication, 187
Glandular hairs, 329
Glutaraldehyde, 858
Glyphosate, 890
Grayanotoxin, 437
Green, 485

H

Hagigat, 206 Hair analysis, 762 Hair lotions, 762 Half life, 703 Hallucinations, 344 Hazard factor, 686 Hemodialysis, 74, 303 Hemoglobin, 545 Hemoperfusion, 303 Hemorrhage, 765, 823 Hemorrhagic shock, 765 Hepatoprotection, 57 Hepatotoxicity, 243, 753, 819 Herbal, 774, 819 Herbal poisoning, 749 Herbicide, 270, 716, 890 Herbs, 841 Heroin, 153 Hexachloroethane, 563 Hexaconazole, 692 High-dose insulin euglycemia, 470 High mortality, 85
HPLC, 176
Hurricane, 722
Hydrocarbon, 222
Hydrocarbons, 722, 911
Hydrofluoric acid, 79
Hydrogen peroxide, 815
Hydroxocobalamin, 545
Hyperbaric oxygen therapy, 287, 461, 815
Hyperkalemia, 79
Hypnotics, 344
Hypocalcemia, 79, 850
Hypotension, 570

I

L

L

M

M

M

M

M

Ma Me

Me Me

MI Me

Me

Me

Me

Me

Me

Me

Me

Mei

Met

Met

Met

Mit

Mor

Mor

Mor

Mor

MRI

Mult

Mus

Myc

Mye

Myo

Myo

Myo

Myo

N-ace

Nail g

Napha

Nasal

Necro

Nerve

Nerve

Neuro

Illicit drug, 187 Injection, 834 Injuries, 908 Insecticides, 880 Intensive care, 528 Intensive care unit, 457 Intermediate syndrome, 482 Intoxication, 303, 475, 811, 827, 890 Intoxications, 307 Intramuscular, 890 Intravenous, 869 Intravenous administration, 566 Iodine, 282 Iron, 900 Iron poisoning, 900 Irritant smoke, 563 Isolated rat heart, 677

K

Kerosene, 222 Khat, 206 Kidney tubular necrosis, 250 Kinetics, 694 Kratom, 146

L

L-Methionine, 1095 Lactate, 270 Lactic acidosis, 164 Laryngeal oedema, 858 Lavandin, 279 Lead poisoning, 267, 322, 728, 841 Levosimendan, 50 Limb loss, 157 Liver dialysis, 1077 Lung damage, 711 Lutein, 176

M

Mad honey, 437 Malachite green, 320 Management, 845 Maprobamate, 307 Marine venoms, 790 Mass poisoning, 85 MCS, 193, 443 Medical patients, 239 Megalopyge Opercularis, 201 MEKP intoxication, 74 Melia azedarach, 1067 Meliatoxin, 1067 Mercury, 133, 783, 831, 869 Mercury intoxication, 479 Meso-2,3-dimercaptosuccinic acid, 267 Metabolic acidosis, 74, 270, 858 Metallic mercury, 566 Metformin, 164 Methemoglobin, 320, 545 Methemoglobinemia, 167, 811 Methylene blue, 167 Methylprednisolone, 1071, 1074 Mitragynine, 146 Morbidity, 310 Morchella conica, 259 Morchella esculenta, 259 Mortality, 42, 310 MRI, 1095 Multiple Chemical Sensitivity, 193 Mushrooms, 259 Mycotoxin, 738 Myeloneuropathy, 1095 Myocardial injury, 67 Myocardial ischemia, 475 Myoclonic jerks, 861

N

N-acetylcysteine, 74, 697
Nail growth, 159
Naphazoline, 254
Nasal mucosal necrosis, 257
Necrosis, 325
Nerve agent, 110
Nerve agents, 93
Neuropathy, 897

Myoclonus, 861

Neuropsychological, 193 Neuropsychological sequelae, 218 Neurotoxin, 539 Neurotransmission, 519 Neutralization, 539 Nitrous oxide, 1095

0

Occupational accident, 790, 908 Occupational exposure, 332 Ondansetron, 1064 Opiate, 211 Opioids, 211, 1088 Oral administration, 181 Oral nifedipine, 157 Organophosphat, 711 Organophosphate, 67, 85, 482, 794, 1058 Organophosphate insecticides, 758, 880 Organophosphate poisoning, 218 Organophosphates, 457 Organophosphorus compounds, 489 Organophosphorus insecticides, 528 Outdoor, 738 Overdose, 171, 297, 470, 496, 534 Oxcarbazepine, 1093

D

Pain, 250 Pancreatitis, 141, 164 Papilledema, 173 Paracetamol, 243, 534 Paraquat, 515, 768 Pediatric, 222, 760, 785, 841, 845 Peganum harmala, 749 Percutaneous cardiopulmonary support, 864 Peripheral neuropathy, 264 Pest controllers, 193 Pesticide, 85, 692, 785, 1058 Pesticide toxicity, 890 Pharmacobezoar, 317 Pharmacodynamics, 551 Pharmacy, 808 Phenol, 250 Phoneutria nigriventer, 885 Physostigmine, 261 Pica, 267 Pirimicarb, 694 Plant exposures, 686 Plant poisoning, 745 Plasma cholinesterase, 85 Pneumatosis cystoides coli, 905 Podophyllotoxin, 159

Subject Index for Volume 46

Poison center, 101

Poison control center, 105

Poison control centers, 450, 722, 794, 841

Poison control centers/standards, 1, 662

Poison prevention, 101

Poisoning, 50, 67, 171, 206, 211, 222, 279, 297, 303,

310, 317, 320, 322, 457, 461, 496, 515, 686,

692, 783, 794, 869, 1071

Poisoning management, 450, 703, 890, 911

Poisons, 307

Portal vein thrombosis, 774

Postsynaptic neurotoxin, 519

Practice guidelines, 1, 662

Pregnancy, 489

Priapism, 885

PR interval, 71

Proguanil, 1085

Prometryn, 270

Provocation, 443

Pseudobutyrylcholinesterase, 110

Pseudo-puberty, 762

Psychiatric, 193

Pulmonary congestion, 864

Pyrethroids, 193

Q

QT interval, 71

Quantitative analysis, 534, 924

R

Radiopaque pills, 574

Randomized trial, 181

Rat, 141

Rattlesnake, 823

RBC cholinesterase, 85

Rectal neoplasm, 264

Reliability, 239

Renal elimination, 566

Renal Failure, 230

Respiratory distress syndrome, 250

Rhabdomyolysis, 153, 890

Rhododendron, 437

Risk assessment, 534, 738, 924

Roter Interaction Analysis System (RIAS), 105

Rubedo, 864

S

Salicylate, 297

Saliva, 133

Salvia divinorum, 146

Salvinorin A, 146

Sarin, 110

Seizures, 173, 802

Selective serotonin reuptake inhibitors, 771

Self-report, 239

Serotonin syndrome, 771, 845

Severity, 528

Sibutramine, 877

Side effects, 344

Silicone, 834

Sinemet, 274

Smoke bombs, 563

Sodium bicarbonate, 892

Sodium nitroprusside, 157

Solanine, 293

Solanum Indicum L., 293

Solvents, 443

Speciation, 133

SPECT, 218

Spectrophotometry, 545

Spider bite, 885

Statistics, 310

Steroid-induced liver damage, 57

Stevens-Johnson syndrome, 479

Stomach perforation, 325

Substance abuse, 187

Succimer, 267

Suicidal, 457

Suicidal ingestions, 507

Suicide, 35, 745

Sulfuryl fluoride, 850

Surfactant, 890

Survival, 515

Syrian rue, 749

Systematic review, 728

T

Taiwan, 794

Tc-99m DTPA radioaerosol inhalation scintigraphy, 711

Terrorism, 93

Tetrahydrozoline, 171

Thrombocytopenia, 261

Thyrotoxicosis, 290

Tissue concentrations, 783

Toosendanin, 1067

Toxic effect, 257

Toxic exposures, 126

Toxic lung injury, 230

Toxic neuropathy, 314

Toxicity, 71, 461, 496, 560, 771, 802, 834, 838, 855, 1064

Toxicokinetics, 528, 703

Toxicokinetic study, 274

Toxicology, 35, 42, 79, 774, 924, 925

Toxicology screen, 239

Toxins, 760, 897, 1088

Transverse myelitis, 153

Tranylcypromine, 261 Trazodone, 71 Triazine, 270 Trichlorethylene ingestion, 905 Trichothecene, 738 Tropane alkaloids, 329 Troponin, 67

U

United States, 728 Upper level, 282 Urine, 133, 485 Urine analysis, 322

V

Valproic acid/poisoning, 662 Valsartan, 470 Vasospasm, 157 Verapamil, 50 Vitamin B12, 1095 Vitamin D intoxication, 300 Vocal cord paralysis, 482

W

Warfarin toxicity, 765 Withdrawal, 261

Z

Zaleplon, 344 Zinc oxide, 563 Zopiclone, 167